



Press Release

SMA America and SMA Canada

SMA Expands Utility-Scale Product Portfolio with MV Power Platform

Medium-Voltage, Turnkey Power Solution Now Available for the North American Market

ROCKLIN, Calif. and TORONTO, July 12, 2011—[SMA America](#) and [SMA Canada](#) are now securing orders for their medium-voltage turnkey power solution, the SMA MV Power Platform. Available as an open, shaded or enclosed structure, the MV Power Platform joins the Sunny Central High Efficiency (HE) and award-winning Compact Power (CP) lines of solar inverters in SMA's North American utility-scale lineup.



SMA MV Power Platform with Enclosure

Photo courtesy of SMA America and SMA Canada

SMA's 1.0-1.6 megawatt medium-voltage turnkey power solution include two Sunny Central inverters; a medium-voltage transformer; optional DC or AC/DC disconnect cabinets; and a control and supply panel for power distribution to local loads and (optionally) field tracker motors. It also features easy integration with installer SCADA equipment; a modular, steel base with all component interconnection cabling; and a convenient plug-and-play installation scheme. Designed for Seismic Zone D applications, all configurations can be deployed in temperatures to -40 C, making them ideal for the Canadian solar market and other cold regions. SMA offers a variety of service and warranty options, including a 99 percent uptime guarantee.

"By pre-engineering and assembling the MV Power Platform, SMA offers EPCs and utility companies the most cost-effective way to modularly install large-scale PV power converters," said Jurgen Krehnke, president and general manager of SMA America and president of SMA Canada. "Packaging SMA's industry-leading technology into a factory-integrated solution reduces costs, optimizes performance and improves the speed of plant installation and commissioning."

Available grid management features include control of active and reactive power; automatic over-frequency response; power factor adjustment; power curtailment; and low voltage ride through. SCADA connectivity via Modbus and the [SMA OPC Server](#) ensure optimum communication and control.



Designed with delivery in mind, the MV Power Platform can be transported via a standard semi-truck and unloaded by crane. Each configuration then can be installed on a concrete slab, vault or piers for maximum flexibility.

SMA's MV Power Platform is assembled in regional facilities throughout North America.

Also included in SMA's utility-scale product portfolio are the Sunny Central CP and HE inverter lines. The Sunny Central CP line includes the [Sunny Central 500CP, 630CP, 720CP, 760CP and 800CP](#), which won the Intersolar Award 2010 in the photovoltaics category. The outdoor-rated Sunny Central CP inverters produce 110 percent of rated output at temperatures below 25 C, resulting in increased yields and a lower levelized cost of energy. Meanwhile, the Sunny Central HE line—which consists of the UL-listed [Sunny Central 500HE-US/CA](#), as well as the Sunny Central [630HE](#)—boasts an industry-leading maximum efficiency of 98.6 percent.

About SMA

The SMA Group, with sales of 1.9 billion euros in 2010, is the world market leader for solar inverters, a component that lies at the heart of every solar power system. Its headquarters is situated in Niestetal near Kassel and it also has 17 foreign subsidiaries situated on four continents. In 2010, the Corporate Group employed over 5,000 persons (including temporary staff). SMA produces a wide spectrum of inverter types, the optimal inverter for each type of solar module used and offers all the power classes required for solar power systems. The product portfolio includes both inverters for grid-connected solar power systems and stand-alone systems. Since 2008, the parent company SMA Solar Technology AG has been listed in the Prime Standard of the Frankfurt Securities Exchange (S92) and in the TecDAX. Over the past few years, SMA has received several awards for its outstanding performance as an employer and lately reached first place in the federal "Great Place to Work" competition. www.SMA-America.com/www.SMA-Canada.ca

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Photo Caption: SMA's MV Power Platform with Enclosure

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